

COUNTY OF SAN MATEO



SMCWPPP Landscape Integrated Pest Management Webinar

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Department of Agriculture/Weights and Measures

Course ID: DPR-1060-24

Presentation is divided into 3 parts:

1) Top Pesticide Inspection Violations in San Mateo County

**2) Qualified Applicator License/Certificate
Fumigation Categories**

3) Herbicide linked to Tree Die-Off

Top Pesticide Inspection Violations San Mateo County*

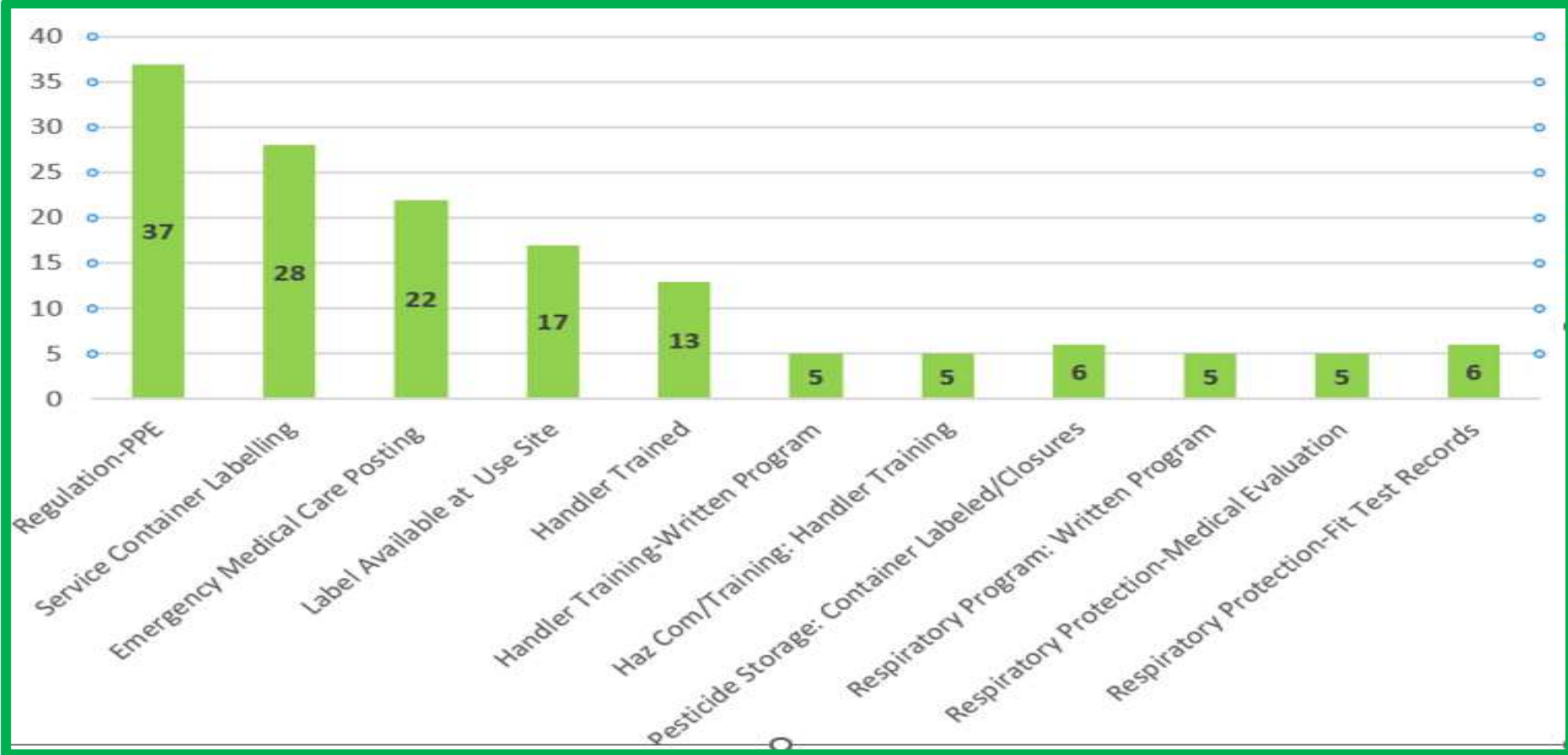
*2017 to Present

***Excludes** Production Agriculture, Pest Control Business and Structural Company
Inspections

Top Pesticide Inspection Violations San Mateo County*

(*2017 to Present)

(*Excludes Production Agriculture, Pest Control Business and Structural Company inspections)



Regulation-Personal Protective Equipment (PPE)

(CCR 6738)

#1 Violation

- For the most part, other than certain exceptions* , use protective gloves and eyewear when mixing/loading and or applying pesticides.
- **Regulation PPE is different from label PPE.** Some pesticide label may or may not require any PPE at all while regulation PPE requires , in most instances other than certain exceptions, the use of protective gloves and eyewear.

❖ Chemical-resistant gloves required:

- Mixing/loading or applying pesticides by hand or ground rig equipment
- When exposed to application, mixing, or loading equipment (such as but not limited to aircraft, hoppers, tanks, or lines) that contains or is contaminated with pesticide.

❖ If not label specific, use:

- Rubber
- Neoprene
- Other chemical-resistant



Glove Selection (CCR 6738.3)

- New section on glove type and thickness when chemical resistant gloves are required by labelling, regulation or permit. All glove barrier materials must be **14 mils thick** **UNLESS** barrier laminate or polyethylene glove material are used



Waterproof



Chemical
Resistant

Glove Exemptions (less than 14 mil)

- Allow use for a maximum of 15 minutes, fine adjustments to equipment or other activities that require high dexterity and motor control.
- These gloves can only be used once for the specific task and must be discarded and not reused.
- Cannot be used for pesticide application or mix/load



Glove liners

Allows the use of “separable” glove liners under chemical resistant gloves. These are separate gloves – the use of lined, or “flocked” gloves, is still not allowed

- These liners are to be made of cotton or other absorbent material.
- The liners cannot stick out past the end of the chemical resistant glove
- The liners are to be disposed of at the end of the day OR to be immediately removed and thrown away if they come in contact with any pesticide



❖ **Protective eyewear required:**

- Mixing or loading or applying pesticides by hand or ground rig equipment
- When exposed to application, mixing, or loading equipment (such as but not limited to hoppers, tanks, or lines) that contains or is contaminated with pesticide.

❖ If not label specific, use:

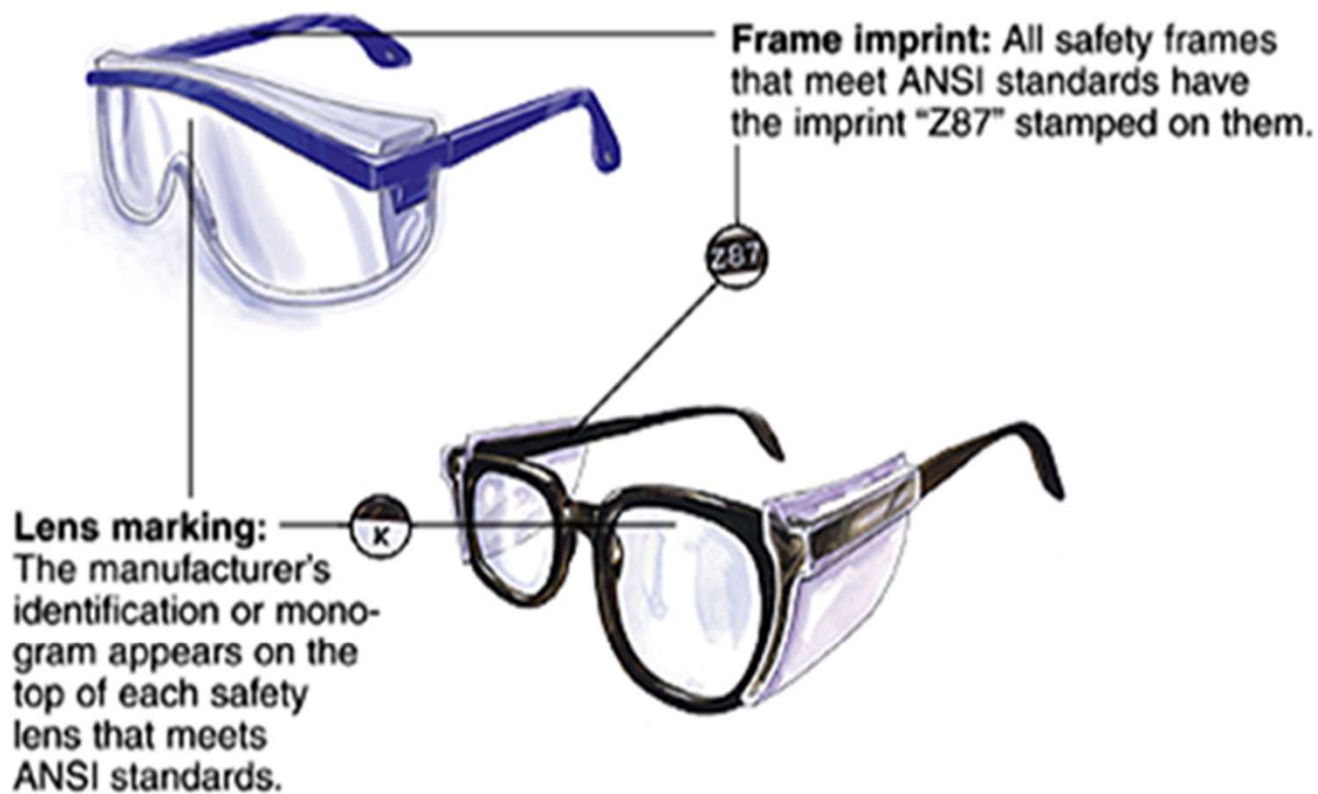
- Safety glasses
- Goggles
- Face shield
- Full face respirator*



Protective Eyewear

- Provide front, brow and temple protection that conforms to the curvature of face and side protection to the user





Z87 must be imprinted on the eyewear



Prescription lenses must not interfere with the fit and function of the protective eyewear and the protective eyewear must not interfere with the fit and function of prescription lenses.

Sample violations



Service Container Labeling

(CCR 6678)

1. Name and address of the responsible party
2. The identity of the pesticide
3. Signal word: "Danger," "Warning," or "Caution"

#2 VIOLATION



Incomplete SCL: No Signal Word



“**Service container**” means any container, other than the original labeled container of a registered pesticide provided by the registrant, that is utilized to hold, store, or transport the pesticide or the use dilution of the pesticide

Measuring vessels and application equipment are **not** considered to be service containers while they are in use. **HOWEVER**, they are and must be labeled as a service container if :

- they are used to store or
- hold pesticides for a prolonged period or
- to transport pesticide down a public road to another site.

This interpretation applies to all application equipment from backpack sprayers to tractor mounted or towed equipment.

- Prohibits end users from using empty containers that are readily identifiable or recognizable as food or beverage containers as pesticide service containers (CCR 6680).

Original



Generic



Emergency Medical Care Posting

(CCR 6726)

#3 VIOLATION

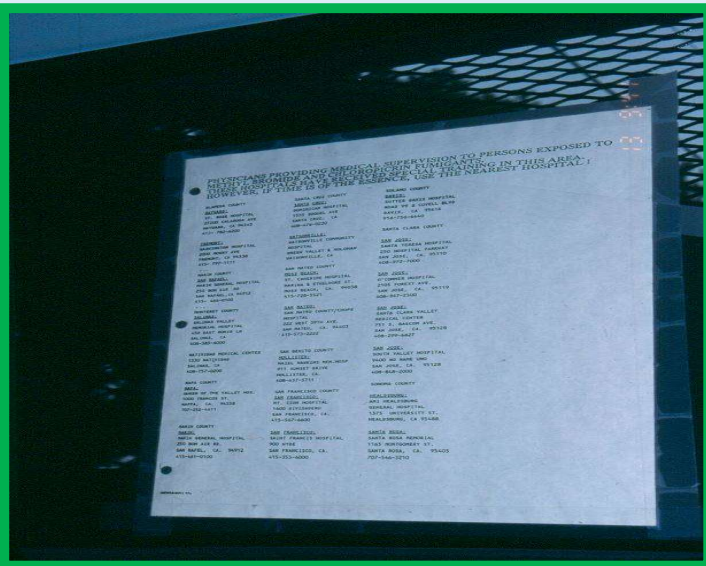
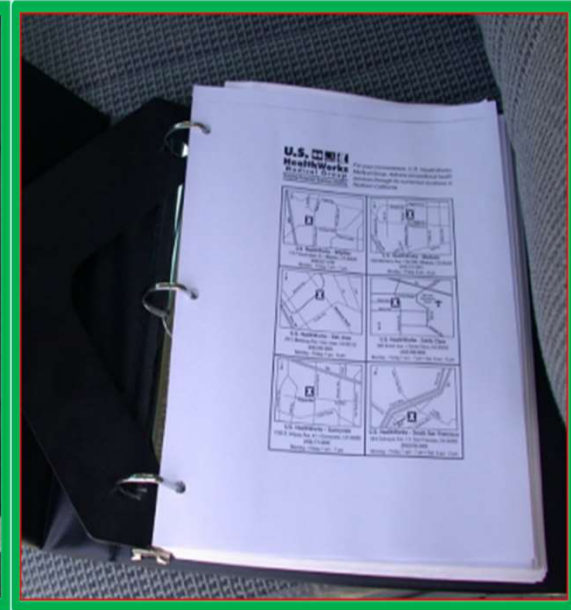
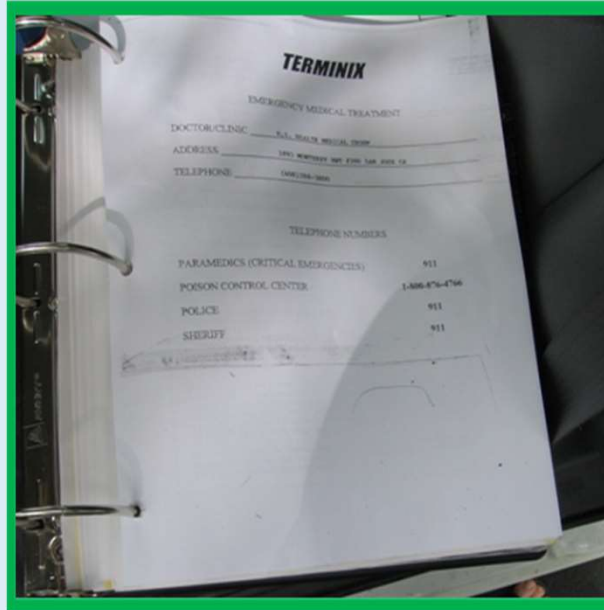
Posted at Work Site/Service Vehicle:

1. Name of hospital in county
2. Address
3. Phone number of medical facility



Emergency medical care posting in binder is **NOT** acceptable

Emergency medical care posting on window



Availability of Labeling

(CCR 6602)

#4 Violation

- Label on a binder or folder
- Label on the pesticide container
- **Digital copy**

Make sure to have current label on site and **READ IT!**

“The Label is the Law”

Read the Label: New CA or local use restrictions



TAURUS® SC
Termiticide/Insecticide

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

- For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products to wall voids for control of other listed pests.
- DO NOT use on golf course turf. May be used for control of termites and other listed pests found on/over structures associated with golf courses, but only as specified on this label.
- DO NOT use on animal trophies or animal skins.
- DO NOT use on/in commercial bee hives.
- DO NOT use on/in commercial bee hives.

See inside booklet for additional Restrictions, First Aid, Precautionary Statements, Directions for Use, Conditions of Sale and Warranty, and state-specific use sites and/or restrictions.

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.

ACTIVE INGREDIENT:.....9.1%
*Fipronil..... 90.9%
OTHER INGREDIENTS:.....100.0%
TOTAL:.....

* (5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1*R*,5*S*)-(trifluoromethyl)sulfinyl)-1*H*-pyrazole-3-carbonitrile)
TAURUS® SC termiticide/insecticide contains 0.8 lbs. active ingredient per gallon.

NET CONTENTS:
2.5 GALLONS

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)
See attached label for additional precautionary information and complete Directions for Use.

EPA Reg. No. 53883-279
EPA Est. No. 53883-TX-002

Manufactured by:
Control Solutions Inc.
5903 Genoa-Road Bluff, Pasadena, TX 77507
A member of Adama
Consumer and Professional Solutions
0938002

CALIFORNIA USE RESTRICTIONS: In addition to use restrictions stated above, applications made in California are subject to the following additional restrictions.

- Do not apply Taurus SC to the garage door, driveway, vertical surfaces above the driveway and garage door, or to cracks and crevices leading or adjacent to the driveway such as the expansion joint between the garage and driveway.
- Do not apply bandwidth at greater than 6 inches out and 6 inches up from where the ground meets the foundation.
- Only use 0.03% dilution mixing rate.
- Do not apply when rain is predicted within 48 hours post-application or during active precipitation.
- Do not re-apply at intervals less than 60 days.
- Do not apply more than 4 times per year.
- Do not make applications on any date between November 1 and February 28.

Read the Label: Change in PPE requirements



DiPel[®] PRO DF BIOLOGICAL INSECTICIDE DRY FLOWABLE

FOR ORGANIC PRODUCTION

DiPel Pro DF BIOLOGICAL INSECTICIDE DRY FLOWABLE is an effective product for control against Lepidoptera pests in agricultural production systems.



ACTIVE INGREDIENT:

Bacillus thuringiensis, subsp. *kurstaki*, strain ABTS-351, fermentation solids, spores, and insecticidal toxins* 54%

OTHER INGREDIENTS 4%

TOTAL 100%

*Potency: 32,000 Cabbage Looper Units (CLU) per mg (14.5 billion CLU per pound of product)

The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

EPA Est. No. 33762-IA-001

EPA Reg. No. 73049-39

List No. 12046

INDEX:

- 1.0 First Aid
- 2.0 Precautionary Statements
 - 2.1 Hazards To Humans and Domestic Animals
 - 2.2 Personal Protective Equipment (PPE)
 - 2.3 Engineering Controls
 - 2.4 User Safety Recommendations
 - 2.5 Environmental Hazards
- 3.0 Directions for Use
- 4.0 Agricultural Use Requirements
- 5.0 Non-Agricultural Use Requirements
- 6.0 Directions for Use
 - 6.1 Chemigation Use Directions
 - 6.2 General Precautions for Applications Through Sprinkler Irrigation Systems

1.0

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-VALENT (682-5368).	

2.0

PRECAUTIONARY STATEMENTS

2.1

HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

2.2

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Handler(s) Trained

(CCR 6724)

- **Before** the employee is allowed to handle, mix/load, or apply pesticides
- Continually **updated** to cover any **new** pesticides that will be handled
- Repeated at least **annually**.

❖ Licensees (QAC, QAL or PCA are considered trained and do not need annual training)

#5 Violation





ANNUAL PESTICIDE HANDLER SAFETY TRAINING RECORD

Employer/Company: _____

Employee: _____
Last Name First Name Signature

Trainer: _____
Last Name First Name Signature

Trainer's Licenses/Qualifications: _____

Employee Duties Applicator Service/Repair Other _____

Date of Training ____/____/____

* Training shall be completed before the employee is allowed to handle pesticides, continually updated to cover any new pesticides that will be handled, and repeated at least annually thereafter.

* This training shall be in a manner the employee can understand, be conducted pursuant to the written training program, and include response to questions. This record shall be retained for two years and be accessible to employees.

* Training for employees handling pesticides used for the commercial or research production of an agricultural commodity must be at a location reasonably free from distraction and trainers must be present throughout the entire presentation.

TRAINING TOPICS CHECK-OFF LIST

The training shall cover, for each pesticide or chemically similar group of pesticides, to be used:

- 1. Format and meaning of information, such as precautionary statements about human health hazards, contained in pesticide product labeling;
- 2. Applicator's responsibility to protect persons, animals, and property while applying pesticides; and not to apply pesticides in a manner that results in contact with persons not involved in the application process;
- 3. Need for limitations, appropriate use, removal, and sanitation of any required personal protective equipment;
- 4. Safety requirements and procedures, including engineering controls (such as closed mixing systems and enclosed cabs) for handling, transporting, storing, disposing of pesticides, and spill clean-up;
- 5. Where and in what forms pesticides may be encountered, including treated surfaces, residues on clothing, personal protective equipment, application equipment, and drift;
- 6. Hazards of pesticides, including acute, chronic, and delayed effects, and sensitization effects, as identified in pesticide product labeling, Safety Data Sheets, or Pesticide Safety Information Series leaflets;
- 7. Routes by which pesticides can enter the body;
- 8. Signs and symptoms of overexposure;
- 9. Routine decontamination procedures when handling pesticides, including that employees should:

- A) Wash hands before eating, drinking, using the toilet, chewing gum, or using tobacco;
- B) Thoroughly wash or shower with soap and water;
- C) Change into clean clothes as soon as possible; and
- D) Wash work clothes separately from other laundry before wearing them again.

- 10. How Safety Data Sheets provide hazard, emergency medical treatment, and other information about the pesticides with which employees may come in contact;
- 11. The hazard communication program requirements of 3 CCR, section 6723;
- 12. N/A The purposes and requirements for medical supervision if organophosphate or carbamate pesticides with the signal word "DANGER" or "WARNING" on the labeling are mixed, loaded, or applied for the commercial or research production of an agricultural plant commodity;
- 13. First aid and emergency decontamination procedures, and emergency eye flushing techniques; and if pesticides are spilled or sprayed on the body to wash immediately with decontamination supplies and as soon as possible, wash or shower with soap and water and change into clean clothes;
- 14. How and when to obtain emergency medical care;
- 15. Prevention, recognition, and first aid for heat-related illness in accordance with Title 8 of the California Code of Regulations, section 3395;
- 16. Requirements of this chapter and chapter 4 relating to pesticide safety, Safety Data Sheets, and Pesticide Safety Information Series leaflets;
- 17. The requirement that handlers of pesticides used in the commercial or research production of an agricultural commodity must be at least 18 years of age;
- 18. Environmental concerns such as drift, runoff, and wildlife hazards;
- 19. Field posting requirements and restricted entry intervals when pesticides are applied for the commercial or research production of an agricultural commodity;
- 20. That employees should not take pesticides or pesticide containers home from work;
- 21. Potential hazards to children and pregnant women from pesticide exposures, including that:
 - A) Children and nonworking family members should keep away from treated areas;
 - B) After performing handling activities or after working in a treated area, employees should remove boots or shoes before entering the home and remove work clothes; and
 - C) Employees should wash or shower before physical contact with children or family members.
- 22. How to report suspected pesticide use violations; and
- 23. The employee's rights, including the right:
 - A) To personally receive information about pesticides to which he or she may be exposed;
 - B) For his or her physician or an employee representative designated in writing to receive information about pesticides to which he or she may be exposed; and
 - C) To be protected against retaliatory action due to the exercise of any of his or her rights; and
 - D) To report suspected use violations to the Department or county agricultural commissioner.

Respirator Training - 3CCR Section 6739:

- I will be wearing a respirator because it is required by label, permit conditions, regulation or employer policy. This requires full respirator training, medical evaluation, selection, fit testing and documentation.
- I will be wearing a respirator voluntarily but it is not required by label, permit conditions, regulation or employer policy. Depending upon the type and source of respirator, this may require modified respirator training, medical evaluation, documentation and postings under the Voluntary Respirator Protection Program - 6739(r).
- I will not be wearing a respirator of any type and therefore do not require respirator training, medical evaluation, selection, fit testing or documentation.

List of Trade Names or Common Names of Pesticides Covered In Training

1.	7.	13.
2.	8.	14.
3.	9.	15.
4.	10.	16.
5.	11.	17.
6.	12.	18.

Note: It is the employer's responsibility to be familiar with all current laws and regulations pertaining to worker safety requirements. This form may need to be updated periodically. Check with your Agricultural Commissioner's Office, San Mateo County Agricultural Commissioner's Office - 2018

Sample Pesticide Handler Safety Training Form

Top Violation

Handler Training-Written Training Program (CCR 6724(a))

- ❖ The training program shall describe the materials used:
 - Study guides
 - Pamphlets
 - Pesticide product labeling
 - Safety Data Sheets(SDS)
 - Pesticide Safety Information(PSIS) N-Series leaflets
 - Slides
 - Video

- Information provided and used to train employees
- Identify individual or firm that will provide the training.
- Address each of the subjects that is applicable to the specific pesticide handling situation.
- Maintain a copy of the training program while in use and for two(2) years after use at a central location at the workplace.

**Pesticide Training
Employer's Written Handler Training Program**

(Name of Employer)

Name of Individual or Firm Providing Training: _____

Note: For employees using California restricted materials or pesticides in the commercial or research production of an agricultural plant commodity, the employer must ensure the trainer is one of the following at the time of training (trainer licenses or certificates must be valid):

- A California certified applicator (commercial or private) or Agricultural Pest Control Adviser
- A County Biologist License in Pesticide Regulation or Investigation and Environmental Monitoring
- A University of California Extension Advisor
- An individual who has completed an "instructor training" program
- A California Registered Professional Forester
- Other trainer qualification approved by DPR.

Training Materials:

Name of videos, pamphlets, study guides, or other training materials, and a brief description

- 1 _____
- 2 _____
- 3 _____
- 4 _____

(Attach additional pages if necessary)

Circle Pesticide Safety Information Series (PSIS) Leaflets Used:

A-1 A-2 A-3 A-4 A-5 A-6 A-7 A-8 A-9 A-10

N-1 N-2 N-3 N-4 N-5 N-6 N-7 N-8

Pesticide product labeling and Safety Data Sheets (SDS) needed below:

	Product Name	Labeling?	SDS?
1	_____	Yes / No	Yes / No
2	_____	Yes / No	Yes / No
3	_____	Yes / No	Yes / No
4	_____	Yes / No	Yes / No
5	_____	Yes / No	Yes / No
6	_____	Yes / No	Yes / No
7	_____	Yes / No	Yes / No
8	_____	Yes / No	Yes / No
9	_____	Yes / No	Yes / No
10	_____	Yes / No	Yes / No
11	_____	Yes / No	Yes / No

(Attach additional pages if necessary)

(Circle Yes or No)

Continued on next page

**Pesticide Training
Employer's Written Handler Training Program (continued)**

Pursuant to 3 CCR section 6724

(Name of Employer)

This WRITTEN PROGRAM went into effect on (date): _____

This WRITTEN PROGRAM was retired on (date): _____

- A copy of the training program must be maintained while in use and for two years after use at a central location at the workplace, and provided to the employee, Director or commissioner upon request.
- Employee training must be in a manner the employee can understand, at a location reasonably free from distraction, and be conducted pursuant to this written training program.
- Training shall be completed before the employee is allowed to handle pesticides, continually updated to cover any new pesticides that will be handled or training topics to be covered and repeated at least annually thereafter.
- Trainers must be present throughout the entire presentation and must respond to employee questions.

The following topics are applicable to my employees handling pesticides and are covered in initial and annual training for each pesticide or chemically-similar group of pesticides handled:

Circle if applicable	Training Topic
Yes No	Format and meaning of information contained in pesticide product labeling applicable to the safe use of the pesticide, such as precautionary statements about human health hazards and labeling-required personal protective equipment (PPE)
Yes No	Applicator's responsibility to protect persons, animals, and property while applying pesticides; and not to apply pesticides in a manner that results in contact with persons not involved in the application process
Yes No	Need for, limitations, appropriate use, removal, and sanitation of any required PPE
Yes No	Safety requirements and procedures, including engineering controls (such as closed mixing systems and enclosed cabs) for handling, transporting, storing, disposing of pesticides, and spill clean-up
Yes No	Where and in what forms pesticides may be encountered, including treated surfaces, residues on clothing, PPE, application equipment, and drift
Yes No	Hazards of pesticides, including acute, chronic, and delayed effects, and sensitization effects, as identified in pesticide product labeling, Safety Data Sheets (SDSs), or Pesticide Safety Information Series (PSIS) leaflets
Yes No	Routes by which pesticides can enter the body
Yes No	Signs and symptoms of overexposure
Yes No	Routine decontamination procedures when handling pesticides, including that employees should: <ul style="list-style-type: none"> A. Wash hands before eating, drinking, using the toilet, chewing gum, or using tobacco; B. Thoroughly wash or shower with soap and water; C. Change into clean clothes as soon as possible; and D. Wash work clothes separately from other laundry before wearing them again.

Continued on next page

Pesticide Training
Employer's Written Handler Training Program (continued)
Pursuant to 3 CCR section 6724

(Name of Employer)

Circle if applicable	Training Topic																										
Yes No	How SDSs provide hazard, emergency medical treatment, and other information about the pesticides with which employees may come in contact																										
Yes No	The hazard communication program requirements of section 6723, including the location and availability of: <ul style="list-style-type: none"> • Pesticide use records for pesticides handled by employees, • Applicable PSIS leaflets, and • SDSs for each pesticide handled by employees 																										
Yes N/A	Are use records or SDSs available to employees electronically? If yes, describe how handlers have unrestricted access and are trained on how to access the documents: (use a separate sheet if necessary)																										
Yes No	The purposes and requirements for medical supervision if organophosphate or carbamate pesticides with the signal word "DANGER" or "WARNING" on the labeling are mixed, loaded, or applied for the commercial or research production of an agricultural plant commodity																										
Yes No	First aid and emergency decontamination procedures and emergency eye flushing techniques; and if pesticides are spilled or sprayed on the body to wash immediately with decontamination supplies and as soon as possible, wash or shower with soap and water and change into clean clothes																										
Yes No	How and when to obtain emergency medical care																										
Yes No	Prevention, recognition, and first aid for heat-related illness in accordance with Title 8 of the California Code of Regulations, section 3395																										
See below	Regulatory requirements relating to pesticide safety, including but not limited to: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Yes No</td> <td>Availability of labeling – 3 CCR section 6602</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Accurate measurement – 3 CCR section 6604</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Equipment cleaning and maintenance– 3 CCR sections 6608 and 6744</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Wellhead protection, backflow prevention – 3 CCR sections 6609 and 6610</td> </tr> <tr> <td style="text-align: center;">Yes No</td> <td>Protection of persons, animals, and property – 3 CCR section 6614</td> </tr> <tr> <td style="text-align: center;">Yes No</td> <td>Pesticide storage and transportation, pesticide container, and service container requirements – 3 CCR sections 6670 through 6686</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Change areas – 3 CCR section 6732</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Decontamination facilities – 3 CCR section 6734</td> </tr> <tr> <td style="text-align: center;">Yes No</td> <td>Instruction on the safe operation of equipment used to mix, load, transfer, or apply pesticides – 3 CCR section 6742(a)</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Application exclusion zone requirements – 3 CCR section 6762(c)</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Requirements for early entry employees – 3 CCR sections 6670 & 6771</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Minimal exposure pesticides – 3 CCR sections 6790 through 6793</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Other: (use a separate sheet if necessary)</td> </tr> </table>	Yes No	Availability of labeling – 3 CCR section 6602	Yes N/A	Accurate measurement – 3 CCR section 6604	Yes N/A	Equipment cleaning and maintenance– 3 CCR sections 6608 and 6744	Yes N/A	Wellhead protection, backflow prevention – 3 CCR sections 6609 and 6610	Yes No	Protection of persons, animals, and property – 3 CCR section 6614	Yes No	Pesticide storage and transportation, pesticide container, and service container requirements – 3 CCR sections 6670 through 6686	Yes N/A	Change areas – 3 CCR section 6732	Yes N/A	Decontamination facilities – 3 CCR section 6734	Yes No	Instruction on the safe operation of equipment used to mix, load, transfer, or apply pesticides – 3 CCR section 6742(a)	Yes N/A	Application exclusion zone requirements – 3 CCR section 6762(c)	Yes N/A	Requirements for early entry employees – 3 CCR sections 6670 & 6771	Yes N/A	Minimal exposure pesticides – 3 CCR sections 6790 through 6793	Yes N/A	Other: (use a separate sheet if necessary)
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Pesticide Training
Employer's Written Handler Training Program (continued)
Pursuant to 3 CCR section 6724

(Name of Employer)

Circle if applicable	Training Topic						
Yes N/A	Employees who handle restricted materials or pesticides used in the commercial or research production of an agricultural commodity must be at least 18 years of age						
See below	Environmental concerns such as drift, runoff, and wildlife hazards, such as: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Yes N/A</td> <td>Surface water protection in nonagricultural settings (PCBs only)</td> </tr> <tr> <td style="text-align: center;">Yes No</td> <td>Applicable bee protection requirements on labels and in regulation</td> </tr> <tr> <td style="text-align: center;">Yes N/A</td> <td>Other: (use a separate sheet if necessary)</td> </tr> </table>	Yes N/A	Surface water protection in nonagricultural settings (PCBs only)	Yes No	Applicable bee protection requirements on labels and in regulation	Yes N/A	Other: (use a separate sheet if necessary)
Yes N/A	Surface water protection in nonagricultural settings (PCBs only)						
Yes No	Applicable bee protection requirements on labels and in regulation						
Yes N/A	Other: (use a separate sheet if necessary)						
Yes N/A	Field posting requirements and restricted entry intervals when pesticides are applied for the commercial or research production of an agricultural commodity, including but not limited to 3 CCR sections 6672 through 6676.						
Yes No	That employees should not take pesticides or pesticide containers home from work						
Yes No	Potential hazards to children and pregnant women from pesticide exposures, including: <ol style="list-style-type: none"> A. Keeping children and nonworking family members away from treated areas; B. After handling pesticides or working in a treated area, employees should remove boots or shoes before entering the home and remove work clothes; and C. Employees should wash or shower before physical contact with children or family members. 						
Yes No	How to report suspected pesticide use violations						
Yes No	How to identify if a product is either a federal Restricted Use Pesticide or a California restricted material; and that these products can only be used by or under the direct supervision of a certified applicator						
Yes N/A	Requirements for employees handling restricted pesticides: <ol style="list-style-type: none"> A. Where to identify on the labeling if the product requires a certified applicator to be physically present during the use of the pesticide B. The certified applicator's responsibility to provide instructions specific to the site and pesticide(s) prior to use, and C. The requirement for each employee to be able to immediately communicate directly with the supervising certified applicator 						
Yes No	The employee's rights, including the right: <ol style="list-style-type: none"> A. To personally receive information about pesticides to which he or she may be exposed; B. For his or her physician or an employee representative designated in writing to receive information about pesticides to which he or she may be exposed; C. To be protected against retaliatory action due to the exercise of any of his or her rights; and D. To report suspected use violations to the Department or county agricultural commissioner. 						

Hazard Communication/Training: Handler Training

(CCR 6724(b-e))

Top Violation

- Employers must train employees before they handle pesticides
- Update the training to cover new pesticides
- Repeat training at least annually (12-month period) thereafter.
- The training record must be retained by the employer for 2 years at a central location at the workplace
- Initial training may be waived if employees submit a record showing that training meeting the requirements of this regulation and covering the pesticides and use situations applicable to the new employment situation was received within the last year.

Pesticide Storage: Container Labeled/Closures

(CCR 6676)

Top Violation

Scope: Storage and transportation of any container that holds or has held a registered pesticide

All pesticide containers :

- Must carry the registrant's labeling and
- All lids or closures are securely tightened.



Respiratory Program: Written Program

(CCR 6739(a),(p))

Top Violation

Scope: Employers of employees wearing respirators when required by any :

- Pesticide labelling
- Employer Policy
- Regulation
- Restricted Material Permit (RMP) condition

- Must develop a written program with worksite-specific procedures when respirators are necessary or required by the employer

Example:

Employee Respirator Assignment Roster			
Employee	Respirator/Size	Type	Activity
Quinn S.	AirMaster II (L)	OV	Airblast Spray
Theo E.	AirMaster II (M)	OV/N95	Soil Injection
Tycho R.	Breathex FFp (M)	N95	Mix/Load



Required vs. Voluntary Use of Respirators 3 CCR 6739



- Label
- Permit condition
- Regulation
- Employer Policy

YES

REQUIRED!

NO

VOLUNTARY!

Employer Provided

Employee Provided



Elastomeric



Filtering Facepiece

- Written Respiratory Program
- Training
- Medical Evaluation
- Voluntary Respirator Use Posting (3 CCR 6739 § r)

Voluntary Respirator Use Posting
(3 CCR 6739 § r)

Respirator images are examples and were accessed from: www.3m.com.
Examples are not to be construed as either an actual or implied endorsement.

Generic Guidelines for Development of a Respiratory Protection Program in Accordance with Department of Pesticide Regulation Requirements

Harvard R Fong, CIH, Senior Industrial Hygienist
Emma R. Colson, Associate Industrial Hygienist

HS-1513 August 3, 1989
Revision No. 1 February 19, 1997
Revision No. 2 February 26, 2002
Revision No. 3 July 9, 2007
Revision No. 4 August 26, 2019

California Environmental Protection Agency
Department of Pesticide Regulation
Worker Health and Safety Branch
1001 I Street
Sacramento, CA 95814

The California Department of Pesticide Regulation (DPR) has created this document for use in developing a written respiratory protection program. The written program must have work-site specific procedures for respirator selection, medical clearance, fit testing, maintenance, and use. Your organization should fill in the blanks on this form with appropriate information and customize the document to your specific needs. This document must be used with the Pesticide Safety Information Series A-5 or N-5, which can be downloaded at <https://www.cdpr.ca.gov/docs/whs/psisenglish.htm>.

Some of the suggested procedures in this document may exceed the minimum requirements of the respiratory protection regulations found in Title 3 of the California Code of Regulations Section 6739. Your organization's written program, based on this document, may benefit from review by DPR, your County Agricultural Commissioner, or your insurance company's loss prevention agent.

NOTE:

It is a requirement that your organization customize this document to reflect your actual respiratory protection program. Your organization will be held responsible for all elements of this written program. DPR is not responsible for any portion of your organization's respiratory protection program.

**Respirator Protection
Program Form**

Voluntary Respirator Use Posting [CCR 6739 Subsection (r) posting]

Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is encouraged even when exposures are below the exposure limit, to provide an additional level of comfort and protection for workers. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the worker. Sometimes, workers may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by OSHA standards. If your employer provides respirators for your voluntary use, or if you provide your own respirator, you need to take certain precautions to be sure that the respirator itself does not present a hazard.

You should do the following:

1. Read and follow all instructions provided by the manufacturer on use, maintenance, cleaning and care, and warnings regarding the respirators limitations.
2. Choose respirators certified for use to protect against the contaminant of concern. NIOSH, the National Institute for Occupational Safety and Health of the U.S. Department of Health and Human Services, certifies respirators. A label or statement of certification should appear on the respirator or respirator packaging. It will tell you what the respirator is designed for and how much it will protect you.
3. Do not wear your respirator into atmospheres containing contaminants for which your respirator is not designated to protect against. For example, a respirator designed to filter dust particles will not protect you against gases, vapors or very small solid particles of fumes or smoke.
4. Keep track of your respirator so that you do not mistakenly use someone else's respirator.
5. Air filtering respirators DO NOT SUPPLY OXYGEN. Do not use in situations where the oxygen levels are questionable or unknown.

Voluntary Respirator Use Posting:
Employer may provide NIOSH-approved respirators at worker's request or permit workers to use their own respirators, if employers determines that such use in itself will not create a hazard

NOTE: A respirator program that is employer policy (though not required by label, permit condition or regulation) is NOT a voluntary use program and is subject to full compliance with this regulation.

Respiratory Protection-Medical Evaluation

(CCR 6739(d))

Top Violation

- Each employee assigned to performing work that requires wearing a respirator.
- Medically evaluated **before fit testing and use of respirator.**
- Medical evaluation required **once (1X) unless :**
 - There is a change in persons **medical condition or**
 - **Change in workplace conditions** that may substantially increase the physiological burden on worker or
 - If information from the respirator program indicates a need (such as during fit testing and program evaluation)
- Records generated from **online evaluations** are acceptable but must identify the physician or licensed health care professional and the evaluated employee.

Appendix 5
Medical Evaluation Questionnaire
From 3 CCR 6739 (q)

The completion of this form, or a form that obtains the same information as the medical questionnaire by each respirator-wearing employee and the review of the completed form by a physician or licensed health care provider is mandatory for all employees whose work activities require the wearing of respiratory protection.

The medical evaluation questionnaire shall be administered in a manner that ensures the employee understands and documents its content. The person administering the questionnaire shall offer to read or explain any part of the questionnaire to the employee in a language and manner the employee understands. After giving the employee the questionnaire, the person administering the questionnaire shall ask the following question of the employee: "Can you read and complete this questionnaire?" If the answer is affirmative, the employee shall be allowed to confidentially complete the questionnaire. If the answer is negative, the employer must provide either a copy of the questionnaire in a language understood by the employee or a confidential reader, in the primarily understood language of the employee.

To the employee:

Can you read (check one): Yes No *(This question to be asked orally by employer. If yes, employee may continue with answering form. If no, employer must provide a confidential reader, in the primarily understood language of the employee.)*

Your employer must allow you to answer this questionnaire during normal working hours, or at a time and place that is convenient to you. To maintain your confidentiality, your employer or supervisor must not look at or review your answers, and your employer must tell you how to deliver or send this questionnaire to the health care professional who will review it.

Section 1. (Mandatory, no variance in this format allowed) Every employee who has been selected to use any type of respirator must provide the following information (please print):

1. Today's date: ___/___/___
2. Your name: _____
3. Your age: _____
4. Sex (check one): Male Female
5. Your height: _____ ft. _____ in.
6. Your weight: _____ lbs.
7. Your job title: _____
8. How can you be reached by the health care professional who reviews this questionnaire?

Employer or their direct agent need not inspect the questionnaires as it is considered **confidential** under the Health Insurance Portability and Accountability Act (HIPAA) and may not be available.

Appendix 6
Medical Recommendation Form

On _____, I evaluated _____.
Date Patient's name

At this time there **(are)/(are not)** medical contraindications to the employee named above wearing a respirator while working in potential pesticide exposure environments. The patient **(does)/(does not)** require further medical evaluation at this time. Any restrictions to wearing a respirator or to the type of respiratory protection are given below.

I have provided the above-named patient with a copy of this form.

Physician Signature

Date

4/6/24, 5:24 PM

Respexam.com



2111978

The information below has been provided to the employee via the email address they entered. Your employer is required under OSHA Standard 1910.134 to ensure that you are medically certified to wear a respirator as part of your job. The following describes the respirator type and use conditions your account administrator assigned you to test for and the physician's evaluation of your ability to wear the respirator based on the information you provided.

MEDICAL CLEARANCE FOR RESPIRATOR USE



Employee Name: Hernandez, Nicholas
 Employee ID:
 Employer: Exotek Pest Defense
 Date Tested: 4/6/2024 7:16:04 PM

Respirator Use Conditions

Profile Name *	Pest control Technician		
Respirator Type	Half Face	Temp < 50 F	No
Work Effort	Medium	Temp > 77 F	Yes
Extent of Use	2 to 4 hours per day	Permit Required Confined Space	No
Oxygen Deficient	No	Humid Conditions	No
Protective Gear	Eye Protection (goggles, faceshield), Head protection (helmet, hard hat, head cover), Skin Protection (apron, coveralls, Tyvek suits), Gloves, Boots, shoe covers	Hyperbaric	No
		High Altitude	No
Toxic Substances	Dusts - Particulates - Fibers, Pesticides (herbicides, insecticides, fungicides), Organic Chemicals, Animal Allergens (mice, rats, etc)		
Work Description	Pest control Technician		

* Note: The profile name is an arbitrary reference assigned by the employer to the type of mask and work conditions the employee is being evaluated for. It does not in any way impact the medical evaluation.

PHYSICIAN'S EVALUATION

No restrictions on respirator use in the use conditions listed above.
Recertify: Within one year
 or when there is a change in health or work conditions.

William H. Lohman

William H. Lohman, MD
 Reviewing Physician

4/6/2024 7:22:18 PM
 Date

Damarco Solutions, LLC
 1807 Market Blvd #281
 Hastings, MN 55033
 Phone: 1-800-383-3393 Fax: 612-617-0990
 support@respexam.com

Sample online medical evaluation

Respiratory Protection-Fit Test Records

(3CCR 6739(e),(p))

Top Violation

Fit test records contain the following required information:

1. Name or identification of employee tested
2. Date and type of test
3. Specific make, model, style, and size of respirator tested
4. Test results

Respirator Fit Test

- Workers using tight-fitting facepiece respirators **must pass the appropriate qualitative fit test (QLFT) or quantitative fit test(QNFT)**
- Fit Testing done **every 12 months (with the same make, model, style and size of respirator that will be used).**
- Done **prior** to initial use of respirator

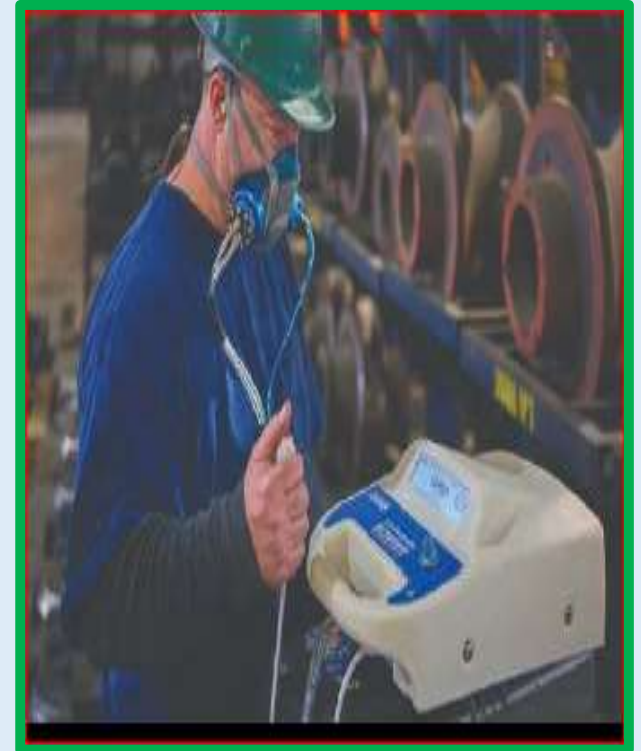
Qualitative Fit Test (QLFT): relies on the individuals response to the test agent:

- Iso-amyle acetate test (“Banana oil”)
- Sacharin test
- Bitrex Test or
- Irritant smoke test



Quantitative Fit Test (QNFT): numerically measure the amount of leakage into the respirator, independent of wearer perception:

- Generated Aerosol,
- Condensation Nuclei Counter or
- Controlled Negative Pressure test



Appendix 2
Respirator Fit Test Record

Organization Name: _____

Employee Name: _____

Employee ID Number: _____

Respirator Brand: _____ Respirator Size: _____

Respirator Type (check one):

Half Face Full Face Filtering Face-piece SCBA PAPR

Fit Test Used: _____

Pass or Fail (check one):

Pass Fail

Notes: _____

Test Operator Name: _____

Test Operator Signature: _____

(The "Test Operator" is the person administering the fit test to the employee.)

Employee Signature: _____

Test Date: _____

(NOTE: This form provides a basic example of the information that may be recorded on a fit test record. Other data recording methods that record the same basic information are acceptable.)

✓ Fit test done every 12 months for each person

✓ Can be out-sourced or done in house

All 3 respirator violations found during HQ Inspections:

- **Respiratory Program: Written Program**
(CCR 6739(a),(p))
- **Respiratory Protection-Medical Evaluation**
(CCR 6739(d))
- **Respiratory Protection-Fit Test Records**
(3CCR 6739(e),(p))

Handler Decontamination Facilities

(CCR 6734)

Top Violation

- ❖ For Non-production agriculture and non-agriculture settings:
 - ✓ Applies only to *employees handling pesticides with the signal word* **“DANGER” or “WARNING”**.
 - ✓ Located within 100 feet of the mixing and loading site for non-production agriculture.

Handler Decontamination Requirements:

1. Sufficient **water**

- **At least 3 gallons of water**
- Of a quality and temperature that will not cause illness or injury and be suitable for eye flushing
- Can be running water or water in enclosed container

2. Sufficient **soap**

3. Sufficient **single use towels**

- Hand sanitizing gels and liquids or wet towelettes are not acceptable in meeting requirement for soap and towel

4. One clean change of **coveralls** at each decontamination site.

- Coverall: A one- or two-piece garment of closely woven fabric or equivalent that covers the entire body, except the head, hands, and feet, and must be provided by the employer as personal protective equipment.



Note: Decontamination materials only for “Warning” or “Danger” pesticides must be **together** (not scattered around site) and in **enclosed container** except for water



Summary of the top 5 pesticide inspection violations (excluding production agriculture, pest control business and structural company inspection in San Mateo County):

**Regulation-Personal Protective
Equipment**

Service Container Labeling

**Emergency Medical Care
Posting**

**Labeling Available at
Site**

**Handler
Trained**

Top 4 violations
Encountered
during field
inspections (as
opposed to
headquarters
inspections)

Qualified Applicator License/Certificate Fumigation Categories

Qualified Applicator License/Certificate Fumigation Categories

- ❖ Beginning **July 2023**, DPR has two(2) new fumigation categories available for Qualified Applicator License (QAL) and Qualified Applicator Certificate (QAC) holders.
- ❖ If you perform pest control using a pesticide labeled as a fumigant, you must obtain the new:
 - **Soil Fumigation (Category L) and/or**
 - **Non-Soil Fumigation (Category M) category(ies).**
- ❖ **Effective January 1, 2024**

Soil Fumigation (Category L)

Perform pest control using a pesticide labeled as a fumigant to control soil pests in sites including:

- Fields
- Forests
- Golf courses
- Greenhouses
- Individual tree or vine hole sites

❖ This category does not include non-soil fumigations covered by Category M.

Category “L” sample soil fumigants

Active ingredient	Trade names
True fumigants	
methyl bromide	Metabrom Q, Tri-Con
chloropicrin	Chloropicrin 100
1,3-D	Telone
MITC generators	
metam sodium	Vapam, Sectagon
metam potassium	K-Pam
dazomet	Basamid

Requires QAC or QAL Category "L"



Non-Soil Fumigation (Category M)

Perform pest control using a pesticide labeled as a fumigant to:

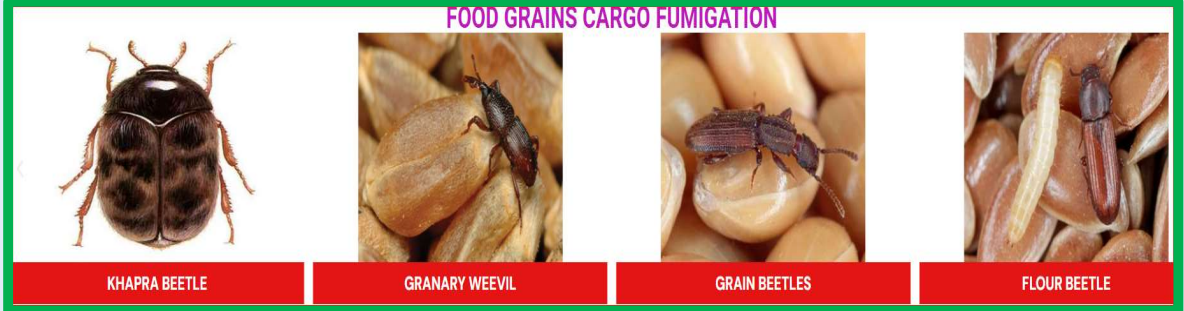
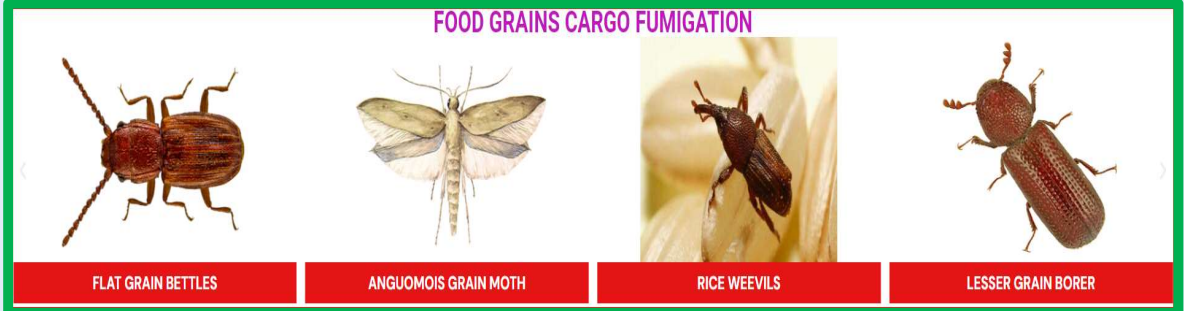
A. Fumigate **enclosed areas** including: tarpaulin-covered structures and commodities, vaults, chambers, greenhouses, vans, boxcars, ships, planes, and vehicles, containing:

1. Agricultural commodities for post-harvest fumigation; or
2. Nonfood/nonfeed materials including but not limited to: pallets; dunnage; furniture; burlap bags; planting medium, including potting soil and potting mix; and wine barrels and corks.

B. Fumigate **pest burrows** in sites including, but not limited to: fields, rights-of-way, ditches, landscaping, and equipment yards.

C. Fumigate sewer lines, in-service utility poles, or other fumigations not covered by Category L – Soil Fumigation.

❖ This category does not include structural pest control required to be done under a license or company registration under the Structural Pest Control Board (SPCB).

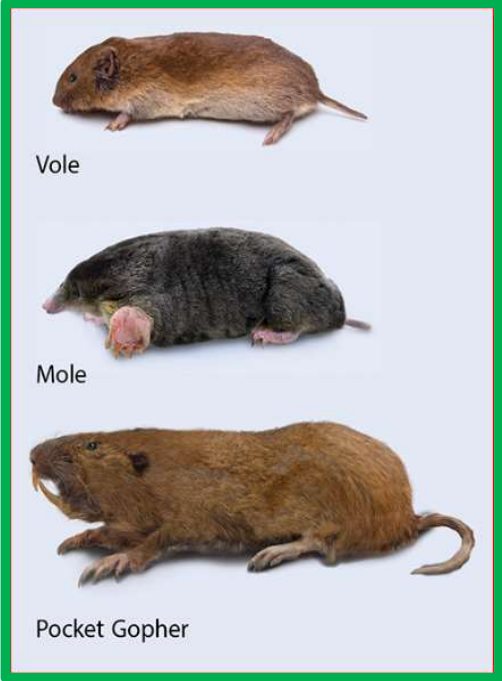


**Requires
QAC or QAL
category
"M"**





**Requires QAC or
QAL category
“M”**



Requires QAC or
QAL category
"M"



Do Not Use This Form For A New Applicant

Applicant Type - Check the appropriate box(es).		License/Certificate Type - Check the appropriate box. Only one per application.			
<input type="checkbox"/> Reexamination		<input type="checkbox"/> QAL	<input type="checkbox"/> DA	<input type="checkbox"/> Manned Journeyman Pilot	<input type="checkbox"/> Unmanned Journeyman Pilot
<input type="checkbox"/> Adding New Category(ies)		<input type="checkbox"/> QAC	<input type="checkbox"/> PCA	<input type="checkbox"/> Manned Apprentice Pilot	<input type="checkbox"/> Unmanned Apprentice Pilot
Applicant Information - Print or Type					
Name (Last) _____ (First) _____ (MI) _____		DPR Application/License Certificate Number _____			
Mailing Address (Number and Street) _____		E-Mail Address _____		Telephone Number _____	
(City) _____	(County) _____	(State) _____	(Zip Code) _____		
Limit of <u>four</u> exams per site.					
PCA applicants taking Laws, Regulations, and Basic Principles may only take an additional <u>two</u> category exams.					
Laws, Regulations, and Basic Principles must be passed in addition to <u>at least one</u> category in order to obtain a license or certificate.					
Applicants who do not obtain a license or certificate within 12 months of their original exam date will be required to submit a new application, new application fees, and must retest in all exams passed.					
Each Examination Requires a \$50.00 Fee					
1. _____					
2. _____					
3. _____					
4. _____					
Faxed or E-Mailed Copies Are Not Accepted			Mail Applications and Payment to:		
Make checks payable to "Cashier, DPR".			Department of Pesticide Regulation		
Total Amount Enclosed: \$ _____			Attn: Cashier MS 4A		
			PO Box 4015		
			Sacramento, CA 95812		
The current Exam Schedule can be found at: https://www.cdpr.ca.gov/docs/license/exam_sched.pdf					
Select a 2 nd choice for the exam site (Month and City) in case your first choice is not available.					
1 st choice Month: _____		City: _____			
2 nd choice Month: _____		City: _____			
Signature: _____		Date: _____			

Department of Pesticide Regulation (DPR) form for adding categories to existing QAC or QAL licensees

www.cdpr.ca.gov/docs/license/forms/pr-pml-083.pdf

➤ \$50 application fee

➤ Non soil fumigants can be use by Certified Applicators(QAC or QAL with category "M") or persons under their direct supervision.

Takeaway:

Must have Category “M” (in QAC or QAL) if using a non soil fumigant for vertebrate burrow pest control with the active ingredient aluminum phosphide (such as Weevil-cide or Fumitoxin)

Once have category “M”, apply with our department for a restricted materials permit(RMP).

Herbicide linked to Tree Die-Off

News Headlines


HERBICIDES LINKED TO TREE DIE-OFF

‘Dead, dying and damaged’: Improper herbicide use affects hundreds of trees throughout Ventura County parks

April 2019: Ventura County Board of Supervisors requested county agencies examine alternatives to glyphosate



July 2019: Ventura Parks started use of the herbicide Polaris herbicide to maintain tree wells and for general weed mitigation in various parks throughout Ventura County



Dec. 2021: Reports of dozens of dying trees in Ojai's Soule Park



Jan 2022: Commissioners office found the trees may have been killed accidentally. Investigations found no violations by Ventura County General Services-Parks. Ventura Parks said they will stop using Polaris herbicide.

Sept. 2022: More tree mortality in multiple county parks and new investigation launched...Found that Ventura Parks continued to use Polaris 9 more times



Feb. 2024 : Notice of Proposed Action (NOPA) based on "use in conflict with label", failure to meet required "standards of care" and "inadequate handler training" Parks applied Polaris herbicide at rates 33-100% above the rate allowed by label and ignored strong label warning against hazards of careless use of the product around the trees of desirable trees



Tree wells established using Polaris Herbicide



Oak trees near campsites at Fillmore's Kenney Grove Park



Dead and dying trees (on the left) at the Oak Dell baseball fields in, and untreated trees on private property on the right.

- Ventura Parks Department: “Symptoms did not show up until almost two(2) years after the applications,” “It took time for that chemical to really seep down into the soil and be taken up by the roots of these trees.”
- About 400 trees (Mature Oaks, Modesto Ash, Sycamore, Pepper, Pine, Walnut , Eucalyptus and Silver Maple Trees)“dead, dying and damaged” at numerous parks and recreation areas operated by Ventura County government which resulted in a \$45,000 fine levied against the Ventura County Parks Department.

Nufarm
Polaris[®]
Herbicide

GROUP 2 HERBICIDE

For control of undesirable vegetation growing within certain aquatic sites, forestry sites, pasture/rangeland, nonagricultural lands, establishment and maintenance of wildlife openings, release of unimproved Bermudagrass and Bahiagrass, bareground weed control, for use under certain paved areas, industrial noncropland areas including railroad, utility, pipeline and highway rights-of-way, utility plant sites, petroleum tank farms, pumping installations, fence rows, storage areas, non-irrigation ditchbanks including grazed or hayed areas within these sites, roads and transmission lines.

ACTIVE INGREDIENT:

Isopropylamine salt of Imazapyr: (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid)* 27.7%

OTHER INGREDIENTS: 72.3%

TOTAL: 100.0%

* Equivalent to 22.62% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid or 2 pounds acid per gallon.

Have the product container label with you when calling a poison control center or doctor or going for treatment.
 In the State of New York, Aquatic Uses are Not Allowed.

KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you DO NOT understand the label, find someone to explain it to you in detail.)

SEE NEXT PAGE BOOKLET FOR ADDITIONAL FIRST AID AND PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
 For Medical Emergencies Only, Call (877) 325-1840

EPA Reg. No. 228-534

Manufactured for
 Nufarm Americas Inc.
 11901 S. Austin Avenue
 Alsip, IL 60803

 **Nufarm**
 Grow a better tomorrow

Active Ingredient:
Imazapyr

Polaris Herbicide Label Precautions:

Product Information:

“In perennials, the herbicide is translocated into, and kills, underground or submerged storage organs, which prevents regrowth.”

Restrictions and Limitations:

- “DO NOT drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the treated soil may be washed or moved into contact with their roots.”
- Nonagricultural Lands and Forestry Sites: “DO NOT apply more than 1.5 pounds acid equivalent Imazapyr (equivalent to 6 pints) per acre per year.”

Polaris Herbicide Label Precautions

Precautions for Avoiding Injury to Nontarget Plants: “Untreated desirable plants can be affected by **root uptake** of this product from treated soil. Injury or loss of desirable plants may result if this product is **applied on or near desirable plants, on areas where their roots extend, or in locations where the treated soil may be washed or moved into contact with their roots.**”



ACTIVE IMAZAPYR, ISOPROPYLAMINE SALT PRODUCT IN DPR PESTICIDE DATABASE

Product Name	Registration Number
ALLIGARE ECOMAZAPYR 2 SL	81927- 22-AA
ALLIGARE IMAZAPYR 4 SL	81927- 24-AA
ALLIGARE ROTARY 2 SL	81927- 6-AA
ARSENAL HERBICIDE	241- 346-AA
ARSENAL HERBICIDE APPLICATORS CONCENTRATE	241- 299-ZA
ASTON	83529- 160-AA
BARRIER EXTENDED CONTROL VEGETATION KILLER CONCENTRATE	2217- 924-ZD
BARRIER YEAR-LONG VEGETATION KILLER CONCENTRATE	2217- 924-ZC
CHOPPER GEN2 HERBICIDE	241- 430-AA
ELIMINATOR TOTAL VEGETATION KILLER CONCENTRATE	228- 713-AA- 59144
EZ-JECT COPPERHEAD HERBICIDE SHELLS	83220- 2-AA
GROUND FORCE VEGETATION KILLER CONCENTRATE	228- 713-ZB- 4
HABITAT	241- 426-AA- 67690
HI-YIELD KILLZALL 365	81927- 58-AA- 7401
HOMEFRONT VEGETATION KILLER CONCENTRATE	228- 713-AA- 91901

KLEENUP WEED & GRASS KILLER 365 READY TO USE	228- 714-ZB- 4
MARTIN'S ERASER MAX SUPER CONCENTRATE	35935- 94-AA- 53883
MASTER LABEL - HABITAT	241- 426-ML
NUFARM POLARIS AC COMPLETE HERBICIDE	228- 570-AA
NUFARM POLARIS HERBICIDE	228- 534-AA
NUFARM POLARIS SP HERBICIDE	228- 536-AA
ORTHO GROUND CLEAR VEGETATION KILLER CONCENTRATE	239- 2657-ZC
ORTHO GROUND CLEAR VEGETATION KILLER READY TO USE	239- 2686-ZA
ORTHO GROUND CLEAR VEGETATION KILLER READY-TO-SPRAY	239- 2735-ZA
ORTHO GROUND CLEAR VEGETATION KILLER READY-TO-USE1	239- 2716-AA
ORTHO GROUND CLEAR YEAR LONG VEGETATION KILLER	239- 2761-AA
ORTHO GROUND CLEAR YEAR LONG VEGETATION KILLER1	239- 2762-AA
PRONTO VEGETATION KILLER	2217- 923-AA
RM43 TOTAL VEGETATION CONTROL	84009- 3-AA
STALKER HERBICIDE	241- 398-ZA
TVC	81927- 23-ZA- 53883

Takeaway on the use of herbicides with active ingredient Imazapyr:

- Read the label: Ventura Parks disregarded strong label precautions and restrictions regarding root uptake of product.
- Proper Handler Training: Ventura Parks applied Polaris at rates 33-100% above the rate allowed by label and ignored strong label warning against hazards of careless use of the product around the trees of desirable trees



Diphacinone Restricted Use Material Status

- Effective **January 1, 2024** diphacinone is classified as a restricted material and adds diphacinone to the regulations for Second-Generation Anticoagulant Rodenticides (SGAR) under the California FAC 12978.7



- Unlawful to use diphacinone in a:
 - ✓ **residential or home use** setting, and
 - ✓ **most industrial and institutional settings**(such as restaurants, grocery stores, airports, offices, construction sites, ports and terminal buildings, shipyards, timber yards, schools, shopping malls, sewers, and sewage treatment plants).
- Many nonproduction agricultural uses, such as **cemeteries, golf courses, parks, highways, and railroads**, are also prohibited.

- Diphacinone is a restricted material and **must be applied by or under the supervision of a certified applicator.**
- Can only be sold to an end user by a DPR licensed pest control dealer.
- Among the various specific exemptions: Use by a mosquito or vector control district, including use under a contract with a pest control businesses licensed by the Department or registered with the Structural Pest Control Board.

Proposed New Fee Increase

License/Cert	Exam		New Application		2nd Yr for New App		2yr Renewal		Late Renewal	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
Pilot Certification (Journeyman, Apprentice, or Vector Control Technician)	\$50	\$120	\$60	\$140	\$45	\$105	\$90	\$210	\$45	\$105
Designated Dealer Agent	\$50	\$120	\$25	\$60	\$25	\$60	\$50	\$120	\$25	\$60
Maintenance Gardener Business	-	-	\$80	\$190	\$80	\$190	\$160	\$380	\$80	\$190
Pesticide Broker, Main or Branch	-	-	\$0	\$20	\$0	\$20	\$0	\$20	\$0	\$20
Pest Control Advisor	\$50	\$120	\$80	\$190	\$70	\$165	\$140	\$330	\$70	\$165
Pest Control Business, Branch	-	-	\$80	\$190	\$80	\$190	\$160	\$380	\$80	\$190
Pest Control Business, Main	-	-	\$160	\$380	\$160	\$380	\$320	\$760	\$160	\$380
Pesticide Dealer, Branch	-	-	\$80	\$190	\$80	\$190	\$160	\$320	\$80	\$190
Pesticide Dealer, Main	-	-	\$160	\$380	\$160	\$380	\$320	\$760	\$160	\$380
Qualified Applicator, Certificate	\$50	\$120	\$40	\$95	\$30	\$70	\$60	\$140	\$30	\$70
Qualified Applicator, License	\$50	\$120	\$80	\$190	\$60	\$140	\$120	\$280	\$60	\$140

Course ID: **DPR-1060-24**

SMCWPPP Landscape Integrated Pest
Management Webinar

1.5 hours: Laws and Regulations

2 hours : Other

Total 3.5 hours

Continuing Education Checkout Form

Continuing Education Center
For Pest Management

Last Name _____ (PLEASE PRINT) First Name _____
Meeting Code _____ Date _____
Meeting Name _____ Meeting Location _____
Time In _____ Time Out _____

Important

- Make dark marks with pencil or pen (blue or black ink).
- Pencil - Erase completely to make changes.
- Pen - Request a new form to make changes.
- DO NOT BEND or FOLD FORM.

DPR License/Certification Number

Print your DPR license/certificate number (5-digit license holders always use 0 as the first number)

EXAMPLE - DPR License/Certification Number: 0 9 6 3 5 7

Use the example on the right.

Mark your DPR license/certificate number on the left.

I certify that this document is a true and complete record of my attendance at this meeting.

Meeting Attendee Signature _____

Meeting attendee will receive total accredited course hours unless otherwise noted below by meeting sponsor.

For Meeting Sponsors Use Only

Please mark actual hours earned for each category. If attendee was not present for entire meeting, (Please fill in all bubbles, even if the first number is zero.)

Laws	Ground	Aerial	Biological	Other
0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
1 1 25	1 1 25	1 1 25	1 1 25	1 1 25
2 2 50	2 2 50	2 2 50	2 2 50	2 2 50
3 3 75	3 3 75	3 3 75	3 3 75	3 3 75
4 4	4 4	4 4	4 4	4 4
5 5	5 5	5 5	5 5	5 5
6 6	6 6	6 6	6 6	6 6
7 7	7 7	7 7	7 7	7 7
8 8	8 8	8 8	8 8	8 8
9 9	9 9	9 9	9 9	9 9

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COUNTY OF SAN MATEO



Department of Agriculture

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SMateoAG@smcgov.org

Ask for someone in “Pesticide
Use Enforcement”